

KISS1R Polyclonal antibody

Catalog Number: 59009-1-Ig

Basic Information

Catalog Number:

59009-1-Ig

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC141812

GeneID (NCBI):

84634

UNIPROT ID:

Q969F8

Full Name:

KISS1 receptor

Calculated MW:

398 aa, 43 kDa

Purification Method:

Protein G purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : Recombinant protein,

Background Information

Receptor for metastin (kisspeptin-54, 13, 14, 10), C-terminally amidated peptides of KiSS-1. KiSS-1 is a metastasis suppressor protein that suppresses metastases in malignant melanomas and in some other carcinomas without affecting tumorigenicity. The metastasis suppressor properties may be mediated in part by cell cycle arrest and induction of apoptosis in malignant cells. The receptor is also probably involved in the regulation and fine-tuning of trophoblast invasion generated by the trophoblast itself. Analysis of the transduction pathways activated by the receptor identifies coupling to phospholipase C and intracellular calcium release through pertussis toxin-insensitive G(q) proteins.

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

